Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 12 Mar 2024 until 23:59 on Wednesday 13 Mar 2024

Forecast Issued on Tuesday 12 Mar 2024 at 02:03

Confidence: High for an unsettled weather pattern, moderate on detail from Wednesday.

Headline for Tuesday 12 Mar 2024: Rain feeding in from the west through the day, heavy at times.

Mountain weather hazards on Tuesday 12 Mar 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
80%	80%	60%	60%	60%	70%

Forecast for Tuesday 12 Mar 2024

Weather: Cloudy but dry at first during the overnight period but rain soon arriving from the west, this turning increasingly heavy. Outbreaks of heavy rain throughout the morning, easing off into the afternoon with some drier interludes but still the odd heavier burst at times. Continuing into the evening. Gusty winds, particularly into the evening.

Chance of cloud-free hill tops above 800m: 20%

Low cloud and visibility: Broken cloud base 500-700m, lowering 400m at times in heavier rain. Visibility moderate in rain, poor in hill fog.

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Forecast for Tuesday 12 Mar 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	32/39 SE	26/33 SE	25/32 S	26/33 SW	26/33 SW	30/37 S	37/48 SW
600	34/45 SE	26/37 SE	22/31 S	21/28 SW	19/27 SW	19/28 SW	27/39 SW
300	12/31 SE	10/25 SE	9/23 S	9/23 SW	7/22 SW	8/23 S	12/32 SW
Valley	10/25 SE	8/20 SE	7/18 SE	8/19 SW	7/19 SW	10/24 SW	15/33 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-4	3/-4	4/-2	4/-2	5/-1	5/-1	5/-1
600	3/-4	4/-3	5/-0	6/1	6/2	6/2	6/1
300	5/1	5/2	6/4	7/5	7/5	8/5	8/4
Valley	6/3	7/4	8/6	9/7	9/7	9/7	9/6
Freezing Level*	1800m	1900m	1900m	2100m	2100m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Forecast for Wednesday 13 Mar 2024

Weather: Cloudy with outbreaks of rain at times, rain turning heavier and more persistent into the afternoon and continuing into the evening.

Maximum wind: Southwest 25-30 mph gusting 40-50 mph, easing into the evening

Chance of cloud-free hill tops above 800m: 10%

Low cloud and visibility: Broken cloud base 500-700m, lowering 400m at times. Visibility moderate in rain, poor in hill fog.

Temperature: **Valleys:** Plus 8 to 10 Celsius
At 800m: Plus 3 to 5 Celsius
Freezing level: Above summits

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Monday 11 March Location: Hall's Fell (Blencathra) summit at 16:32 . Full report: A dry and mild day with light winds. The snow on Blencathra is now very fragmented and begins at an altitude of roughly 700m, although it is generally confined to gully tops, ridge flanks, and other similarly sheltered areas. Over on Helvellyn, more snow remains and it is generally well consolidated, although it was soft today. There is a marked difference between shaded north-facing slopes which often still have continuous snow cover, to the more sunny south-facing slopes which are now looking quite bare. A significant amount of snow remains on Helvellyn's summit plateau and some of the paths are buried under the snow making navigation and route finding challenging in any poor visibility. Swirral and Striding edge (and other similar routes in area) are a mixture of exposed rock, snow, and ice and require good care and judgment. Microspikes/crampons and an ice axe are strongly recommended. Full winter clothing (warm and waterproof) including spare warm layers, hats and gloves, and equipment including a map, compass, and headtorch are all essential. Microspikes and walking poles are also a sensible addition to your kit. Temperature: plus 0.8 deg C. Maximum wind speed 8.7 mph .Wind chill: minus 2.2 deg C. Average wind speed: 4.1 mph

Issued at: 02:03 on Tue 12 Mar 2024

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